

Beaumont Fire-Rescue Services

PERFORMANCE BENCHMARKS

404.02J

Producing a Foam Fire Stream Using an In-line or Bypass Eductor

Discipline: D/O

Effective: 6/5/2002

Revised: 10/5/2009

Replaces: Driver Benchmark 216

Anne Huff, Fire Chief

I. Objective

Produce a foam fire stream, given foam-producing equipment, so that properly proportioned foam is provided.

II. Instructions – Procedures for Achieving the Objective

Given a fire department pumper and foam-producing equipment, the Driver/Operator shall produce a foam fire stream so that properly proportioned foam is provided.

III. Examiner's Note

The Driver/Operator will not be allowed to review the performance steps at the time of testing.

IV. Preparation & Equipment

- A. Fire department pumper
- B. Foam-producing equipment (in-line or bypass-type eductor)
- C. Foam or practice foam
- D. Water source

V. Reference Sources

- A. IFSTA, Pumping Apparatus Driver/Operator Handbook, 2nd Edition
- B. TCFP, Performance Standard, Section 700-5.2.3
- C. NFPA 1002, 5.2.3

404.02J – Producing a Foam Fire Stream Using an In-line or Bypass-type Eductor

Discipline: D/O

Name:	Officer #:
Evaluator:	Officer #:
Date:	Location:

The Driver/Operator:

- a) Verbalizes checking the eductor and nozzle for compatibility and made sure they were rated for the same flow **P/F** _____
- b) Checks and verbalized the foam concentration listing on the side of the container matches the eductor percentage rating **P/F** _____
- c) Sets the proportioner to the proper percentage rating **P/F** _____
- d) Attaches eductor to hose or discharge outlet 2.0 _____
- e) Selects and attaches the attack hoseline 1.0 _____
- f) Places eductor suction into the concentrate **P/F** _____
- g) Opens discharge valve and increases throttle to the pressure recommended by the eductor manufacturer 2.0 _____
- h) Sets the pressure control device 1.0 _____
- i) Provides properly proportioned foam stream **P/F** _____
- j) Verbalizes that foam hose lines and equipment would be flushed with clean water when finished **P/F** _____
- k) Performs entire operation safely **P/F** _____

Points Possible	Passing Score	Attempt	Performance Rating (Points)	PASS	FAIL
6	4	First			
		Second			
		Third			